

ABSTRACT OF THE DISCLOSURE

A method and system of testing data retention of memory is provided. An embodiment of the method of testing data retention of memory comprises: writing first data to a first memory sub-group during a first time period; writing second data to a second memory sub-group during a second time period subsequent to said first time period; pausing for a predetermined time interval during a third time period subsequent to said second time period; reading a first one of said first and second data during a fourth time period subsequent to said third time period; reading a second one of said first and second data during a fifth time period subsequent to said fourth time period; and comparing said first and second ones of read data to expected results to determine data retention capabilities of said first and second memory sub-groups.